

Metals With Finely Dispersed Nonmetallic
Additives, by R. Palme.

GERMAN, per, Metall, Vol 14, 1960, pp 421-424.
NTC-71-12518-11F

NASA TT F 10,395

Nov 71

Boosz, H. J.
GALVANIC COATINGS ON MOLYBDENUM AND
TUNGSTEN. [1961] 7p. (5 figs. 7 refs. omitted).
Order from SLA \$1.10 (1-16163)

Trans. of Metall (West Germany) 1960, v. 14, June,
p. 546-548.

DESCRIPTORS: *Molybdenum, *Tungsten, *Metal
coatings, Oxidation, Temperature, Plating, *Electro-
deposition

(Materials--Finishes, TT, v. 6, no. 3)

(1-16163

L. Boosz, H. J.

17094

Office of Technical Services

The Spreading of Mercury on Noble Metals,
by T. Heumann.
EUROPEAN, per, Metall, Vol 14, No 7, 1960,
pp 691-694.
NTC-71-15069-11F

Feb 72

Moller, P. and Speidel, H.
NEW DESIGN FOR PLATINUM-TANTALUM ELECTRODES. [1962] 10μ 1 ref.
Order from SLA \$1.10

62-16492

I. Moller, P.
H. Speidel, H.

Trans. of Metall (West Germany) 1960, v. 14, no. 7,
p. 695-696.

DESCRIPTORS: *Platinum electrodes, Electrodes,
*Tantalum, Design, Electrolytic cells, Hydrogen
compounds, Peroxides, Production.

(Metallurgy, TT, v. 8, no. 9)

Office of Technical Services

Zirconium and Zirconium Alloys for Water Cooled Reactors
by L. Bangert, K. Hennemann, 17 pp.

GERMANY, PER, Metallik, Vol XIV, 1960, pp 704-710.

U. K. Atomic Energy
Authority Risely,
TRG Inf Ser 100 (C)

Sci. NUCLEAR Sci

NOV 63

243,501

Classification of the Pseudo-Ternary Systems
of Sintered Carbides, by F. Benesovsky,
E. Rudey.

GERMAN, per ~~Revised~~, Vol XIV, No 9, 1960, pp 875-
878.

HB 5845

Sci-Materials & Metallurgy
July 65

On ~~the~~ Diffusion of Metals in Aluminium, by W. Roth,
GERMAN, per, Metall. No 10, 1960, pp 979-983.

GB/1

sci
Dec 62

<p>Findelien, G. PROPERTIES AND PRODUCTION OF SOME SINTERED STEELS ALLOYED WITH COPPER AND NICKEL. [1961] 7p. (7 figs, 2 tables, 24 refs. omitted). Order from SLA \$1.10</p> <p>Trans. of Metall (West Germany) 1960 [v. 14, no. 10] p. 995-998.</p> <p>DESCRIPTORS: Iron alloys, *Nickel alloys, *Copper alloys, *Steel, Sintering, Powder alloys, Mechanical properties, Production.</p> <p>From iron-nickel- and iron-copper-nickel powder mixtures tensile test bars were pressed, sintered and the change in dimensions measured by the sintering, tensile strength, elongation, thickness and Brinell hardness. The results of measurement were supplemented with metallographic study. Whereas the iron-nickel alloys attained high strength and very high elongation by repeated (double) pressing and sintering, the ternary (Metallurgy, TT, v. 6, no. 4) (over)</p>	<p>61-16096 I. Findelien, G. 61-16096 177637 Office of Technical Services</p>
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<p>Hog, H. and Bichsel, H. ELECTRON MICROSCOPE INVESTIGATIONS OF S. A. F. STRUCTURES. Jan 60. Order from MT MT Trans-175 Trans. of Metall (West Germany) 1961, v. 15, no. 1, p. 19-22.</p> <p>DESCRIPTORS: *Aluminum, *Grains (Metallurgy), Electron microscopy, Microstructure</p> <p>(Metallurgy--Structural, TT, v. 6, no. 7)</p>	<p>61-22900</p> <p>I. Hog, H II. Bichsel, H III. MT Trans-175 IV. Tofflemache, M. de O (Gt. Brit.)</p> <p>LNT 85</p> <p>Office of Technical Services</p>	
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Weiner, R.
ON THE ELECTROLYTIC DEPOSITION OF METALS
UNDER THE ACTION OF ULTRASONIC VIBRATION.
[1962] 26p. 5 refs.
Order from SLA \$2.60

63-10894
I. Weiner, R.

Transl. of [Metall] (West Germany) 1961, v. 15,
p. 97-101.

DESCRIPTORS: Electroplating, Electrolysis, *Metals,
Vibration, *Ultrasonics, *Electrodeposition,
Ultrasonic equipment.

(Metallurgy, TT, v. 9, no. 12)

Office of Technical Services

The Effectiveness of Boron Containing Grain-
Refining Agents on the Grain Size of Solidified
Pure Aluminium Melts, by K. H. Wiedemann.
GERMAN, per, Metall, Vol 15, No 3, 1961,
pp 221-224.
BISI 8214

Sci-Mat
Sep 70

Special Techniques of Non-Destructive Testing, Part I,
by H. J. Rodewald, C. Studer.
GERMAN, per, Metall, Vol XV, No 5, 1961, pp 410-414.
HB 5725

Sci -Mat/Met
May 64

258,373

Schreiner, H.

STRUCTURAL EVALUATION OF MELT AND SINTER MATERIALS (Zur Gefügelbeurteilung von Schmelz- und Sinterwerkstoffen). [1963] 11p. (foreign text included)
11 refs.

Order from SLA \$1.60

63-16309

Trans. of Metall (West Germany) 1961, v. 15, no. 5,
p. 422-425.

DESCRIPTORS: *Powder metallurgy, Metallography,
Powder alloys, Powder metals, *Crystal structure,
Porous metals.

Beginning with the metallic sinter materials now in
technical use, a survey is made of the theoretically
possible and actually occurring structures of single
and multi-components compact and porous materials.
Various methods are suitable for the determination of
(Metallurgy, TT, v. 10, no. 5) (over)

63-16309

I. Schreiner, H.

Office of Technical Services

Metallic Bonding Between Uranium and Aluminum for
AEC Nuclear, Reactor Fuel Elements, by G. Schneider,
9 pp.

GERMANY, pub., Metall, Vol XV, 1961, pp 675-679.
9212377

AEC-TR-5905

244,021

Sci - Nuc Sci

THE IRON RICH SIDE OF THE IRON-ZINC SYSTEM, BY
H. H. STADELMAYER.

GERMAN, PER, METALL, VOL XV, 1961, PP 761-763.

DEPT OF INTERIOR
TA153 N6R NO 85
also S(28) N876R no. 85
BJS1 4112. 209,616
SCI - CHEM
SEP 62

Surfaces of Rigid PVC Sheets in the Metal-
Processing Industry, by C. Kubitzky.
GERMAN, per, Metall, Vol 15, 1961, pp 995-998.
NTC-71-12647-11F

Nov 71

The Influence of Temperature and Alloying Additions
on the Surface Tension of Silver, Copper and Copper
Alloys, by F. Pavlek, W. Thielisch, 11 pp.

GERMAN, per, Metall, Vol XV, No 11, 1961,
pp 1076-1078. 909S274

AEC Tr-4980

Sci - Min/Metals
Apr 62

189, 938

Joining Copper and Copper Alloys With Steel-welding of Copper Plated Steels, by R. Koecher.
GERMAN, per, Metall, Vol 15, 1961, pp 1107-1111.
NTC-71-12679-13H

Nov 71

Eissner, G.
ANODIC HARD OR THICK COATS ON ALUMINUM. I.
[1962] 17p. (5 figs. omitted) 21 refs.
Order from GIA \$1.60

Trans. of Metall (West Germany) 1961 [v. 15, no. 12]
p. 1194-~~1198~~.

DESCRIPTORS: *Aluminum, *Electroplating, Metal
coatings, Production.

(Metallurgy-Light Metals, TT, v. 9, no. 3)

62-14838

I. Eissner, G.

Office of Technical Services

The Problem of Plasticity in Beryllium, by E. Schmid.
GERMAN, per, Metall, Vol XVI, No 1, 1962, pp 1-4.
NASA TT F-9090

Sci-Mat & Met
Nov 64
U.S. GOVERNMENT ONLY

269,349

Production of Pellets and Their Smelting, by
A. M. Chernyshev.

GERMAN, per, Metallurg, Vol I, 1962, pp 13-18.

CRL/T. 1028

Sci E...
Jun 63

Engineering and Environmental Conditions, Part III. Corrosion, Corrosion Protection, and Testing in the Development of Weather-Resistant Products, by H. Ladeburg, 17 pp.

PUR OFFICIAL USE ONLY

GERMAN, per, Metall, Vol XVI, No 1, 1962,
pp 29-34. 200007866

RSIC-561

Sci-Magz
Aug 66

307,300

Aging Phenomena in Quenched Al-Alloys,
by G. Borelius.
GERMAN, per, Metall, Vol 16, No 3,
pp 170-180, 1962 9229753
AEC ANL-Ty-180

Sci-Mis/M
Nov 65

291,624

Woolly Fractures in Extruded AlCuMg Bars, by
H. Gruhl, 19 pp. FOR OFFICIAL USE ONLY
GERMAN, per, Metall, Vol XVI, No 3, 1962,
pp 187-192. 200008066
RSIC-554

Sci.
Aug 66

309,031

The Effect of a Small Beryllium Content on the
Recrystallisation of High Purity Aluminium (Raffinal),
by H. Hug, H. Bichsel.

GERMAN, per, Metall, Vol XVI, No 3, 1962, pp 193-198.

*MT 259

Sci

14 Sep 62

On the Appearance of Plate-like
Segregation Zones in Metal Alloys,
by U. Houbner.
GERMAN, per, Metall, Vol 16, May 1962,
pp 405-407.
DISI 3698

Sci/MHM
Aug 65

288,697

Jangg, G.
AMALGAMS IN POWDER METALLURGY. [1963] 8p.
Order from ATS \$13.50
ATS-00Q69G

Trans. of Metall (West Germany) 1962, v. 16, no. 7,
p. 639-642.

DESCRIPTORS: *Mercury alloys, *Powder metallurgy.

63-17330

- I. Jangg, G.
- II. ATS-00Q69G
- III. Associated Technical Services, Inc.,
East Orange, N. J.

(Metallurgy, TT, v. 10, no. 3)

Office of Technical Services

Schneider, E. and Löhle, R.
INFLUENCE OF THE PISTON ON CONSTRUCTION
AND OPERATION OF INTERNAL COMBUSTION
ENGINES. [1962] 14p.
Order from ATS 512, \$5.

ATS-70P60G

Trans. of Metall (West Germany) 1962, v. 16, no. 3,
p. 198-204.

DESCRIPTORS: *Internal combustion engines, Con-
struction, Operation, *Pistons.

62-17683

I. Schneider, E.
II. Löhle, R.
III. ATS-70P60G
IV. Associated Technical
Services, Inc., East
Orange, N. J.

(Machinery-Engines, TT, v. 8, no. 4)

Office of Technical Services

Kohler, W. MEASURES FOR CONTROL OF THERMAL EXPANSION IN LIGHT METALS. [1962] 10p. Order from ATS \$11.25	62-17684
Trans. of Metall (West Germany) 1962, v. 16, no. 3, p. 204-209.	I. Kohler, W. II. ATS-71P60G III. Associated Technical Services, Inc., East Orange, N. J.
DESCRIPTORS: *Metals, Thermal expansion, Control.	
(Metallurgy--Light Metals, ITT, v. 8, no. 5)	Office of Technical Services

Herrmann, E.
ALUMINUM AND ALUMINUM ALLOYS. Pt. 1 of Development in the Field of Continuous Casting of Non-Ferrous Metals. [1963] 22p (figs omitted)
Order from SLA \$2.60
63-20402

Trans. of [das] Metall (West Germany) 1962, v. 16, no. 4, p. 293-300.

DESCRIPTIONS: *Aluminum, *Aluminum alloys,
*Casting

Topics include: heavy castings; multiple casting; continuous casting with inlays in Vereinigte Leichtmetall-Werke; Hunter-Douglas horizontal continuous casting machine; Hazellett machine; rotary casting machines; and Properzi-machines.

(Metallurgy, TT, v. 10, no. 12)

63-20402

1. Title: Continuous casting
- I. Herrmann, E.
- II. Title: Development...

Office of Technical Services

Polar Coordinates Analysis of Chip Formation, by
W Scholz,
GERMAN, per, Metall, Vol XVI, No 4, 1962, pp 315-322.
CSIRO/No 6524

Sci - M/M
Apr 64

254,623

Occurrence of Plate-Shaped Segregation Zones in
Metal Alloys, by U. Heubner.
GERMAN, per, Metall, Vol XVI, No 5, 1962,
pp 403-407.
EISI 3698

Sci - M/M
Apr 64

Herrmann, E.
COPPER AND COPPER ALLOYS. Pt. 2 of Developments in the Field of Continuous Casting of Non-Ferrous Metals. [1963] 18p (figs omitted)
Order from SLA \$1.60

63-20403

Trans. of [das] Metall (West Germany) 1962, v. 16, no. 5, p. 413-419.

DESCRIPTORS: *Copper, *Copper alloys, *Castings

Topics include: continuous casting installation "L/L"; Werlli's several bar machines; Hazellott-machine; Properx machine; German continuous casting machines; the Lobeck continuous casting machine; the completely continuous LOMA casting machine; installation of the Enfield rolling mills; and installation of the Janney cylinder company

(Metallurgy, TT, v. 10, no. 12)

63-20403

- I. Title: Continuous casting
- II. Herrmann, E.
- III. Title: Developments...

Office of Technical Services

Latest Data on the Deformation Behavior of the
Metals Niobium, Tantalum, Molybdenum and
Tungsten at Low and Moderate Temperatures, Part I,
by F. Ostermann, 27 pp.

GRIMM, per, Metall, Vol XVI, 1962, pp 656-661.

12/12/67

ABC-ER-4770 (Pt 1.)

5

341585

Sci - Mat & Met

Aug 63

Diffusion in Mo-Pt Alloys, by K. Kirner,
7 pp.
GERMAN, per, Metall, 16, 1962, pp. 672-678.
*CFSTI TT 70-58091
AVAILABLE FROM NBS ONLY

Sci/Chem
Apr 70

Mechanical and Metal-Casting Properties of
Refined Zinc Casting Alloys With 2.4 and 8%
Aluminum and Small Amounts of Titanium
Chromium, Nickel and Beryllium, by W. Thiele.
EUROPEAN, per, Metall, Vol 16, No8, 1962,
pp 744-750.
NTC-71-11697-11F

Feb 72

Study of Diffusion in Hume-Rothery Phases of the
Cu-Zn System, by E. Starke.

GERMAN, per, Metall, Vol 16, 1962, pp 775.

*NTIS/NBS TT 71-55145

Available NBS Only

June 71

Ordering in the Au-Ni System, by A. Munster.
GERMAN, per, Metall, Vol 16, 1962, p 891.
*NTIS/NBS TT 71-55146
Available NBS Only

June 71

Production of Graphite-Coated Particles for Nuclear Fuel by the Fluidized Bed Process, by F. Benesovsky, E. Rudy.
GERMAN, per, Metallkunde, No 10, 1962, pp 957-961.
AEC-Tr-5952

Sci-Phys
Aug 64

265,137

Latest Data on the Deformation Behavior of the
Metals Molybrium, Tantalum, Molybdenum and Tungsten
at Low and Moderate Temperatures, Part II, by
P. Ostermann, 26 pp.

GERMAN, per, Metall., Vol XVI, 1962, pp 979-984.

AEC-Tr-5770 (Pt 2)

Sci - Mat & Mat

Aug 63

341,578

Pelzel, E.
MECHANICAL AND CASTING PROPERTIES OF HIGH
QUALITY ZINC INJECTION MOULDING ALLOYS
CONTAINING BERYLLIUM. 27 Feb 63.
Order from TTIS \$36.00 TTIS NS 64

Trans. of Metall (West Germany) 1962, v. 16 [no. 11]
p. 1120-1122.

DESCRIPTORS: Mechanical properties, *Castings,
*Zinc alloys, *Beryllium, Injection, Quality control.

(Metallurgy, TT, v. 9, no. 10)

63-17003

- I. Pelzel, E.
- II. TTIS NS-64
- III. Translation and Technical
Information Services
(Gt. Brit.)

Office of Technical Services

Rhenium, by J. Sagoschen, 15 pp.

GERMANY, per Metall., Vol XVI, 1962, pp 1193-1195.

AEC-tr-6021

Sci-Met & Met
Nov 63

241, 530

The Hard Chromium Plating of Electropolished
Metal Surfaces, by R. Weiner, F. Hesse, et al.
GERMAN, per, Metall, Vol XVII, No 1, 1963,
pp 21-23.
HB 6212

Sci ~ Mat/Met
May 64

258,370

Feller-Kniepmeier, M. and Pawlek, F.
THE APPLICATION OF ELECTRON DIFFRACTION
TO THE ANALYSIS OF ANODE SLIMES. [1963] 5p
6refs
Order from SLA \$1.10

63-18516

Trans. of [dub] Metall (West Germany) 1963, v. 17,
no. 1, p. 36-38.

DESCRIPTORS: Electron diffraction analysis,
*Anodes, Chemical compounds, Ores (Metal sources),
Recovery.

Anode slimes were studied to find their composition
by the method of electron diffraction. It was found that
the results obtained by this method are comparable with
those obtained by X-rays for which a fractionation by
mechanical or chemical means is necessary. The
separate elements are combined in different ways,
e.g. silver can be present in elementary form but also
(Metallurgy, TT, v. 10, no. 11) (over)

63-18516

I. Title: Slimes
I. Feller-Kniepmeier, M
II. Pawlek, F.

Office of Technical Services

Influence of Temperature and Velocity on the
Deformation Properties of Pure Titanium and
Titanium Alloy TiAl 6wt., by K. Willinger,
K. H. J. Wittmer, 17 pp.

GERMAN, per, Metall, No 2, 1963, pp 97-107. 7691151

ACSI I-3528
IB 2246315

248, 413

Sc1 - M/M
Feb 64

Alloys of Ruthenium with Boron, Beryllium and
Aluminium, by W. Obrowski.
GERMAN, per Metall. Vol. 17, 1963, pp 108-112

Sci -
Sep 67

539-788

S-502, 64

On the Theory of Phase Segregation and Its Application
to the Phenomena Precipitation Hardness and Strength
at High Temperatures, by H. Klemm, *Y.S.P.*

GERMAN, per, Metall, Vol XVII, No 2, 1963,
pp 113-123.

[Signature]
JPRS/DC-10508/SPECIAL

Sci 1 M/M
21 May 64

Structure of Anodic Coatings on Aluminum
Surfaces, by H. Ginsberg, K. Weiers.
GERMAN, per, Metall, Vol 17, No 3, 1963,
PP 201-209.
KRC/Ref: C-5130

Sci -
Jul 67

334,336

Age-Hardenning Behaviour of Aluminium-Magnesium-Silicon Alloys, by H. Borchers, M. Kainz.
GERMAN, per, Metall, Vol 17, No 5, 1963, pp 400-408.
GB/130/TR 110

Sci -
Aug 67

334,911

Metallography by Means of Electron Transmission Microscopy, by E. Hornbogen and H. Warlimont, GERMAN, per. Metall., No 5, pp 437-445, No 9, pp 897-905, 1963.
BISI 7548

The Ternary Phase $Fe_{23}C_3B_3$ in the Iron-Carbon Diagram, by H. H. Stadelmaier and R. A. Gregg.
GERMAN, per, Metall, Vol 17, May 1963, pp 412-
414.

EISI 6166

Sci. at
Mar 68

351,966

Dimensional and Structural Changes due to
Diffusion Along a Temperature Gradient in
Several Copper-Tin Alloys, by H. G. Feller,
H. Neuer, 25 pp.
GERMAN, per, Metall, Vol 17, 1963, pp 414-419.
AEC-UCRL-Tr-10258 P911276568-V

Sci/Material
Nov 68

352,973

Adhesion and Layer Build-Up in Electric Arc and
Flame Spraying, Part I, by A. Matting, H. D.
Steffens, 28 pp.

GERMAN, per, Metall, Vol. 17, Jun 1963, pp 583-
593.

ABC ORNL Tr-1392

NTC '72 - 14247-13 H

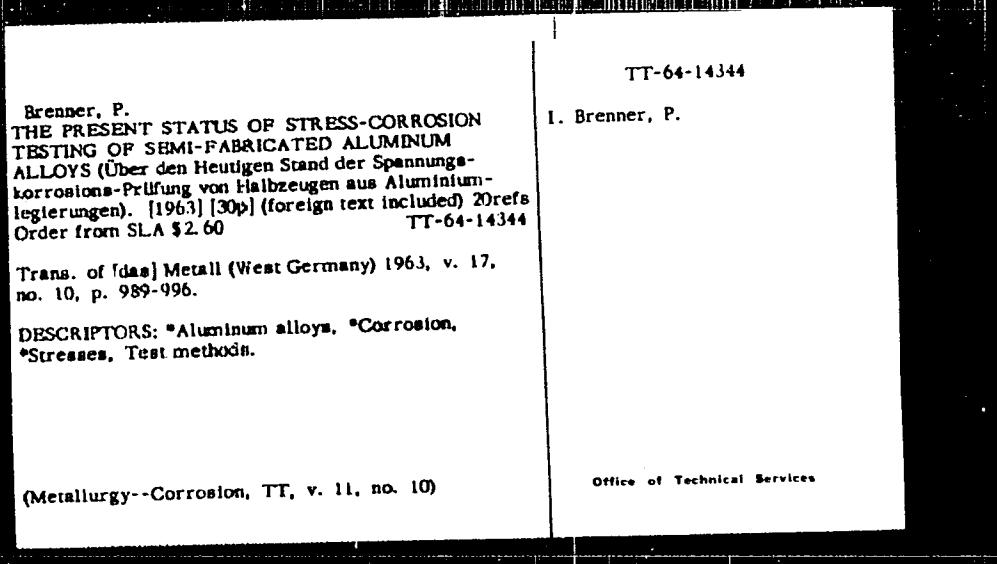
331,196

Sci ~ Electronics
Jul 67

Adhesion and Layer Build-up in Plasma-Arc and
Flame Spraying, Part 2, by A. Buttig,
H. B. Steffens.
ZHMW, pag. Metall, Vol 17, 1963, pp 905-922.
P011141606
AEC ORNL-tr-1393

Sci/Materials
Jan 67

SL6,1D5



Baked-Enamel-Finished Aluminum Strip for Decorative Purposes-Manufacturing Methods and Properties, by E. Hoefling and D. Altenpohl, 6 pp.

FOR OFFICIAL USE ONLY

GERMANY, per, Metall, Vol XVII, No 10, 1963,
pp 1011-1014. 20007966

RSGMD-563

Sci-Mig!
Aug 66]

307,301

Herrmann, E.
NEW DEVELOPMENT IN THE FIELD OF CON-
INUOUS CASTING OF NONFERROUS METALS
(Neues auf dem Gebiete des Stranggusses von
Nichtferrosemetallen). [1964] [34p] (foreign text included)
Order from SLA \$3.60 TT-64-14855

Trans. of [das] Metall (West Germany) 1963, v. 17,
no. 11, p. 1103-1116.

(Metallurgy--Nonferrous Metals, TT, v. 11, no. 11)

TT-64-14855

I. Herrmann, E.

Office of Technical Services

Determination of Curie Temperature of
Ferromagnetic Specimens in a Microfurnace,
by F. Brandstaetter.
GERMAN, per, Metall, Vol XVII, No 12, 1963,
pp 1209-1212.
BISI 3712

Sci - Engr
May 64

Adhesion and Layer Build-Up During Plasma Arc and
Flame Spraying. Part III, by A. Matting, H. D.
Steffens, 58 pp.
GERMAN, per, Metall, Vol 17, 1963, pp 1213-1230.
AEC ORNL Tr 1394

331,197

Sci - Electronics
Jul 67

The Production of Heavy Metals by **Fusion** Electrolysis
VII (1). Electro-Crystallisation, in Particular
Compact Deposits, by J. Lindau and F. Sauerwald,
GERMAN, per. Metalloberfläche, Vol. 17, No 12, 1963,
pp 357-362.
BISI 9063

June 71

Grain Growth in Metals, by N. Franssen, 41pp
GERMAN, per, Metall, Vol 18, 1964, No 1, pp
8-16
SLA TT-64-18522

Sci - Meta
May 67

346,695

Determination of Residual Stresses on Pipes
From Aluminum Alloys Part I: Fundamentals, by
W. Sautter and W. Grubl,
GOVERNMENT USE ONLY
GERMAN, per, Metall, Vol XVIII, No 3, 1964,
pp 208-212. 200037655
RSIC-556

Sci-Eng R.
Sept 66

310,579

Firing of Aluminum and Aluminum Alloys in Protective Gas, by D. Altenpohl and H. Zeiger,
FOR OFFICIAL USE ONLY
GERMAN, per, Metall, Vol XVIII, No 3, 1964,
pp 220-223. 200021666
RSIC-560

Sci- Phys
Sept 66

308, 713

Theory of Anodically Formed Oxide Films on
Aluminum, by S. Tajima.

GERMAN, per, Metall, Vol XVIII, No 6, 1964,
pp 581-589.
ATS 89R77G

Apr 67

322,998

The Determination of Small Gas Contents in
Metals, by F. Spezner, K. H. Koch,
GERMAN, per, Metall, Vol 18, Jul 1964,
pp 701-704.
BISI 4520

ED-Germany
Sci/High
Feb 66

296,263

Deformation of Zirconium Sheets During Oxidation,
by G. Saur, H. J. Laue, H. Borchers, 21pp
GERMAN, per, Metall, Vol 18, 1964, No 7,
pp 704-708
SLA TT-64-30037

Sci - Meta
June 67

327,546

Contribution to the Solderability and
Wettability of Metal Surfaces With Soft
Solders, by B. Keyssclitz.
GERMAN, per, Metall, Vol 18, No 8, 1964,
pp 816-820.
CRL/T. 2156

Sci -
Jul. 67

333,869

Theory of Sintering, Parts I and II.
by H. Fischmeister, 22 pp.
GERMAN, per, Metall, vol 18, 1964,
pp. 932-140.
*NBS TT 70-57861

Sci/mech
Jun 70

The Crystal Structure and the Structural
Relationship Between the α and γ Phases in the
the Copper-Tin System, by H. Knodler.
GERMANY, per, Metall. Vol 18, No 11, pp 1172-
1177, 1964 9730164
AEC UCRL-Tr-1223-L

Sci-Phys
Nov 65

291,870

Determination of Characteristics Stresses on Tubes
of Aluminum Alloys. Part II. Test and Test
Readings, by W. Sautter, W. Gruhl. 20 pp.
GERMAN, per, Metall, Vol 18, No 9, 1964,
pp 918-922. P100012566
FTD-TT-65-1068

7-100-553 309,347

Sci/Materials
Sep 66

309,347

Experiments for Determining Internal stresses in
Composite Metals, Specifically in Cemented Hard
Carbides, by A. Fetter.

GEORGE W. per. Moore, Vol. VIII, No. 12, 1964
pp. 1283-1299.
NASA TT F-900

Sci-BI/M
May 63
U.S. GOVERNMENT ONLY

280,198

Study of Divacancies in Self-Diffusion of Ag.
by F. Reimers.
GERMAN, per, Metall., No 22, 1968, pp 1-6.
*NBS TT 70-57462

Sci-Mat
Aug 70

Notes on a Few of the Questions Vexing to the
Mechanical Working of Light Alloys and Pure
Aluminum, by U. Magnani, C. Panceri, 24 p.

ITALIAN, per, la Metallurgia Italiana, 1931,
Vol XXXII, No 265-291.

SLA 59-20528

Sci
Mar 60
Vol 2, No 12

109,237

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CRIMES FROM NTC

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CIA-RDP84-00581R000401200019-1

Composition of Metal Deposited by Arc-Welding
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